

CHAPTER THIRTEEN

BRAKES

This chapter includes service procedures for the front and rear brake systems.

The front brakes are actuated by the hand lever on the right end of the handlebar. The rear brake is actuated by the brake pedal and the brake lever on the left end of the handlebar. The left end brake lever is also equipped with a lock which allows it to be used as a parking brake.

Brake specifications are listed in **Table 1** and **Table 2**. **Tables 1-3** are located at the end of the chapter.

BRAKE SERVICE

When working on hydraulic brake systems, the work area and tools must be clean. Place the parts on clean lint-free cloths and wipe all oil and other chemical residues off of the tools. Tiny particles of foreign matter and grit in the master cylinder or wheel cylinders can damage the components. If there is any doubt about your ability to correctly and safely carry out major service on the brake components, take the job to a Honda dealership.

Consider the following when servicing the front drum brake:

1. When adding brake fluid, use only a brake fluid clearly marked or DOT 4 and from a sealed container. Other types may vaporize and cause brake failure. Try to use the same brand name. Before intermixing brake fluid, make sure the two fluids are compatible. Brake fluid will draw moisture which greatly reduces its ability to perform correctly. It is a good idea to purchase brake fluid in small containers and discard any small left-over quantities properly. Do not store a container of brake fluid with less than 1/4 of the fluid remaining as this small amount will draw moisture very rapidly.

WARNING

Do not intermix silicone based (DOT 5) brake fluid as it can cause brake component damage leading to brake system failure.

WARNING

Never reuse brake fluid, such as fluid expelled during brake bleeding. Con-

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